

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jean-François MICHELET et al.

Serial No.: New

Filing Date: July 30, 2001

For: USE, IN COSMETIC PREPARATIONS, OF PROSTAGLANDIN EP-3 RECEPTOR AGONISTS TO ATTENUATE, REDUCE OR STOP THE GROWTH OF HEAD HAIR AND OTHER HAIRS

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend claims 3, 5, 6, 8, 9 and 11-16 to read as follows:

3. (Amended) Use of prostaglandin EP-3 receptor agonists according to Claim 1, in or for the preparation of a cosmetic composition for topical application, for attenuating, reducing or stopping the growth of head hair and other hairs.

5. (Amended) Use according to Claim 3, characterized in that the cosmetic compositions may also contain prostaglandin EP-2 and

EP-4 receptor antagonists, in order to increase the loss of head hair and other hairs.

6. (Amended) Use according to Claim 3, characterized in that the composition also contains a cosmetically acceptable medium consisting of water or water and at least one organic solvent chosen from the group consisting of hydrophilic organic solvents, lipophilic organic solvents and amphiphilic solvents, or mixtures thereof.
8. (Amended) Use according to Claim 6, characterized in that the organic solvent(s) represent(s) from 5% to 98% of the total weight of the composition.
9. (Amended) Use according to Claim 3, characterized in that the composition also comprises at least one fatty phase.
11. (Amended) Use according to Claim 3, characterized in that the composition also contains at least one additive chosen from the group consisting of conventional hydrophilic or lipophilic gelling agents and/or thickeners; hydrophilic or lipophilic active agents; preserving agents; antioxidants; fragrances;

emulsifiers; moisturizers; pigmenting agents; depigmenting agents; keratolytic agents; vitamins; emollients; sequestering agents; surfactants; polymers; acidifying or basifying agents; fillers; free-radical scavengers; ceramides; sunscreens; insect repellents; slimming agents; colorants; bactericides; anti-dandruff agents.

12. (Amended) Use according to Claim 3, characterized in that the composition is in the form of an aqueous, aqueous-alcoholic or oily solution, an oil-in-water or water-in-oil or multiple emulsion, an aqueous or oily gel, a liquid, pasty or solid anhydrous product or a dispersion of oil in an aqueous phase with the aid of spherules.
13. (Amended) Use according to Claim 3, characterized in that the composition has the appearance of a white or coloured cream, an ointment, a milk, a lotion, a serum, a paste, a mousse or a solid.
14. (Amended) Use according to Claim 3, characterized in that the composition has a pH of between 3 and 8.

15. (Amended) Cosmetic treatment process for attenuating, reducing or stopping the growth of head hair and other hairs, characterized in that it consists in applying to the head hair and other hairs a cosmetically effective amount of agonists as defined in Claim 1.

16. (Amended) Cosmetic treatment process for attenuating, reducing or stopping the growth of head hair and other hairs, characterized in that it consists in applying to the head hair and other hairs a cosmetic composition as defined in Claim 3.

REMARKS

The foregoing Preliminary Amendment is requested in order to delete the multiple dependent claims and avoid paying the multiple dependent claims fee.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

Early action on the merits is respectfully requested.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Please amend claims 3, 5, 6, 8, 9 and 11-16 as follows.

3. (Amended) Use of prostaglandin EP-3 receptor agonists according to Claim 1-~~or 2~~, in or for the preparation of a cosmetic composition for topical application, for attenuating, reducing or stopping the growth of head hair and other hairs.
5. (Amended) Use according to Claim 3-~~or 4~~, characterized in that the cosmetic compositions may also contain prostaglandin EP-2 and EP-4 receptor antagonists, in order to increase the loss of head hair and other hairs.
6. (Amended) Use according to ~~any one of~~ Claims 3-~~to~~-5, characterized in that the composition also contains a cosmetically acceptable medium consisting of water or water and at least one organic solvent chosen from the group consisting of hydrophilic organic solvents, lipophilic organic solvents and amphiphilic solvents, or mixtures thereof.
8. (Amended) Use according to Claim 6-~~or 7~~, characterized in that the organic solvent(s) represent(s) from 5% to 98% of the total weight of the composition.
9. (Amended) Use according to ~~any one of~~ Claims 3-~~to~~-8, characterized in that the composition also comprises at least one fatty phase.

11. (Amended) Use according to ~~any one of~~ Claims 3-~~to~~-10, characterized in that the composition also contains at least one additive chosen from the group consisting of conventional hydrophilic or lipophilic gelling agents and/or thickeners; hydrophilic or lipophilic active agents; preserving agents; antioxidants; fragrances; emulsifiers; moisturizers; pigmenting agents; depigmenting agents; keratolytic agents; vitamins; emollients; sequestering agents; surfactants; polymers; acidifying or basifying agents; fillers; free-radical scavengers; ceramides; sunscreens; insect repellents; slimming agents; colorants; bactericides; anti-dandruff agents.

12. (Amended) Use according to ~~any one of~~ Claims 3-~~to~~-11, characterized in that the composition is in the form of an aqueous, aqueous-alcoholic or oily solution, an oil-in-water or water-in-oil or multiple emulsion, an aqueous or oily gel, a liquid, pasty or solid anhydrous product or a dispersion of oil in an aqueous phase with the aid of spherules.

13. (Amended) Use according to ~~any one of~~ Claims 3-~~to~~-12, characterized in that the composition has the appearance of a white or coloured cream, an ointment, a milk, a lotion, a serum, a paste, a mousse or a solid.

14. (Amended) Use according to ~~any one of~~ Claims 3-~~to~~-13, characterized in that the composition has a pH of between 3 and 8.

15. (Amended) Cosmetic treatment process for attenuating, reducing or stopping the growth of head hair and other hairs, characterized in that it consists in applying to the head hair and other hairs a cosmetically effective amount of agonists as defined in ~~either of~~ Claims 1-and-2.

16. (Amended) Cosmetic treatment process for attenuating, reducing or stopping the growth of head hair and other hairs, characterized in that it consists in applying to the head hair and other hairs a cosmetic composition as defined in ~~any one of~~ Claims 3-to-13.